

# Peter T Tsai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2744354/publications.pdf>

Version: 2024-02-01

19  
papers

1,889  
citations

623188

14  
h-index

794141

19  
g-index

21  
all docs

21  
docs citations

21  
times ranked

2828  
citing authors

#	ARTICLE	IF	CITATIONS
1	Autistic-like behaviour and cerebellar dysfunction in Purkinje cell Tsc1 mutant mice. <i>Nature</i> , 2012, 488, 647-651.	13.7	756
2	Altered cerebellar connectivity in autism and cerebellar-mediated rescue of autism-related behaviors in mice. <i>Nature Neuroscience</i> , 2017, 20, 1744-1751.	7.1	275
3	Regulation of autism-relevant behaviors by cerebellar-prefrontal cortical circuits. <i>Nature Neuroscience</i> , 2020, 23, 1102-1110.	7.1	149
4	Cerebellar associative sensory learning defects in five mouse autism models. <i>ELife</i> , 2015, 4, e06085.	2.8	120
5	Neuronal Tsc1/2 complex controls autophagy through AMPK-dependent regulation of ULK1. <i>Human Molecular Genetics</i> , 2014, 23, 3865-3874.	1.4	85
6	The role of cerebellar circuitry alterations in the pathophysiology of autism spectrum disorders. <i>Frontiers in Neuroscience</i> , 2015, 9, 296.	1.4	82
7	Sensitive Periods for Cerebellar-Mediated Autistic-like Behaviors. <i>Cell Reports</i> , 2018, 25, 357-367.e4.	2.9	82
8	Mechanisms of neurocognitive dysfunction and therapeutic considerations in tuberous sclerosis complex. <i>Current Opinion in Neurology</i> , 2011, 24, 106-113.	1.8	69
9	The Role of the Pediatric Cerebellum in Motor Functions, Cognition, and Behavior. <i>Neuroimaging Clinics of North America</i> , 2016, 26, 317-329.	0.5	57
10	Graded loss of tuberin in an allelic series of brain models of TSC correlates with survival, and biochemical, histological and behavioral features. <i>Human Molecular Genetics</i> , 2012, 21, 4286-4300.	1.4	43
11	Prenatal Rapamycin Results in Early and Late Behavioral Abnormalities in Wildtype C57Bl/6 Mice. <i>Behavior Genetics</i> , 2013, 43, 51-59.	1.4	38
12	Autism and cerebellar dysfunction: Evidence from animal models. <i>Seminars in Fetal and Neonatal Medicine</i> , 2016, 21, 349-355.	1.1	30
13	A Magnetic Resonance Imaging Study of Cerebellar Volume in Tuberous Sclerosis Complex. <i>Pediatric Neurology</i> , 2013, 48, 105-110.	1.0	25
14	Adaptive Prediction for Social Contexts: The Cerebellar Contribution to Typical and Atypical Social Behaviors. <i>Annual Review of Neuroscience</i> , 2021, 44, 475-493.	5.0	24
15	Cerebellar Dysfunction in Autism Spectrum Disorders: Deriving Mechanistic Insights from an Internal Model Framework. <i>Neuroscience</i> , 2021, 462, 274-287.	1.1	19
16	A Critical Period for Development of Cerebellar-Mediated Autism-Relevant Social Behavior. <i>Journal of Neuroscience</i> , 2022, 42, 2804-2823.	1.7	11
17	Therapeutic Targeting of mTORC2 in mTORopathies. <i>Neuron</i> , 2019, 104, 1032-1033.	3.8	6
18	Both Maternal and Pup Genotype Influence Ultrasonic Vocalizations and Early Developmental Milestones in <i>Tsc2</i> <sup>+/+</sup> Mice. <i>Epilepsy Research &amp; Treatment</i> , 2014, 2014, 1-10.	1.4	5

#	ARTICLE	IF	CITATIONS
19	Increased glycine contributes to synaptic dysfunction and early mortality in Npr12 seizure model. Science, 2022, 25, 104334.	1.9	1